

AMENDED CLAIMS

[received by the International Bureau on 04 October 2004 (04.10.2004);
original claims 1, 2 and 3 amended; new claim 5 added; remaining claim
unchanged (2 pages)]

1. (amended) A suspension system for a vehicle,
comprising:

5 an outer rotor type motor having a stator
provided on an outer surface of a cylindrical member that
defines space open to at least an inboard side of the
vehicle, and a rotor rotatably supported by the
cylindrical member, wherein the outer rotor type motor is
10 provided within a wheel and the rotor of the outer rotor
is connected to the wheel;

 a suspension arm whose mounting portion is
provided on an inner surface of the cylindrical member;
and

15 a hub that is fixed to the wheel in the vicinity
of a wheel rim and is connected to the cylindrical member
via a bearing that allows relative rotation between the
cylindrical member and the wheel.

20 2. (amended) The suspension system as claimed
in claim 1,
wherein the hub has an annular shape so as to be
accommodated between the cylindrical member and the rotor.

25 3. (amended) The suspension system as claimed
in claim 1 further comprising:

 a sealing that is arranged between the
cylindrical member and the rotor and inboard of the rotor;
and

30 a second bearing that is arranged between the
cylindrical member and the rotor and adjacent to the
sealing.

4. The suspension system as claimed in claim 1, wherein connected to the rotor is a brake disk that is disposed such that a disk surface of the brake disk is located within the space defined by the cylindrical member.

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5. (new) The suspension system as claimed in claim 4, wherein the brake disk is bolted to the hub adjacent to the bearing.